

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---------------------------------------|------------------|---------|------------------|
| S3 | 19677 | solder near2 ball | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 15:42 |
| S4 | 19053 | solder near1 ball | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 15:43 |
| S5 | 1133 | S4 and ((solder near1 ball) WITH melt) | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 15:51 |
| S6 | 48 | S5 and ((solder near1 ball) WITH melt).ab. | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 15:53 |
| S7 | 13 | (09/504637 09/753876 09/805366 09/844245 09/845448 10/008447 10/232273 10/248715 10/259482 10/274749 10/291907 10/302271 10/458266 10/537929 10/731436 10/768836 10/788438 10/832845 10/936747 10/990123 11/168549 11/171483).APP. | USPAT; USOCR | OR | ON | 2006/09/08 17:06 |
| S8 | 13 | (US-7086147-\$ or US-7004371-\$ or US-6998705-\$ or US-6946329-\$ or US-6832715-\$ or US-6824041-\$ or US-6757968-\$ or US-6723630-\$ or US-6686664-\$ or US-6571469-\$ or US-6560108-\$ or US-6517602-\$ or US-6296173-\$).did. | USPAT | OR | ON | 2006/09/08 17:07 |

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| S9 | 22 | (US-20060094268-\$ or US-20060012037-\$ or US-20050279813-\$ or US-20050258526-\$ or US-20050195527-\$ or US-20050051521-\$ or US-20040201396-\$ or US-20040183094-\$ or US-20040145064-\$ or US-20040099709-\$ or US-20040092056-\$ or US-20040074950-\$ or US-20030214047-\$ or US-20030162379-\$ or US-20030141349-\$ or US-20030102360-\$ or US-20030011998-\$ or US-20020158110-\$ or US-20020051728-\$ or US-20020029905-\$ or US-20010046120-\$ or US-20010000905-\$).did. | US-PGPUB | OR | ON | 2006/09/08 17:27 |
| S10 | 22 | S9 not S8 | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 17:10 |
| S11 | 19053 | solder near1 ball | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 17:11 |
| S12 | 1133 | S11 and ((solder near1 ball) WITH melt) | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 17:28 |
| S13 | 48 | S12 and ((solder near1 ball) WITH melt).ab. | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 17:11 |
| S14 | 35 | S13 not S8 | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 17:13 |
| S15 | 77 | S11 and ((solder near1 ball) WITH (core and melt)) | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 17:29 |
| S16 | 75 | S15 not S13 | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 17:29 |

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| S17 | 58 | (S16 and @ad<"20030303") or (S16 and @rlad<"20030303") | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 17:34 |
| S18 | 12 | (09/756086 09/777062 09/880733 09/885853 09/942386 09/951046 10/011686 10/064857 10/104108 10/104826 10/145503 10/291019 10/291117 10/327656 10/358810 11/148923).APP. | USPAT; USOCR | OR | ON | 2006/09/08 17:35 |
| S19 | 12 | (US-7075183-\$ or US-7067916-\$ or US-6906417-\$ or US-6893952-\$ or US-6799711-\$ or US-6798667-\$ or US-6787921-\$ or US-6781245-\$ or US-6740544-\$ or US-6513236-\$ or US-6507121-\$ or US-6465747-\$).did. | USPAT | OR | ON | 2006/09/08 17:35 |
| S20 | 46 | S17 not S19 | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 17:54 |
| S21 | 5 | (("6550666") or ("6471115") or ("6330967") or ("6253986") or ("6199741")).PN. | US-PGPUB; USPAT; USOCR; FPRS | OR | OFF | 2006/09/08 17:58 |
| S22 | 51 | S20 or S21 | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 17:59 |
| S23 | 8 | S22 and (copper near3 core) | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 18:19 |
| S24 | 0 | S22 and (resin near3 core) | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 18:21 |
| S25 | 18 | S22 and (resin WITH core) | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 18:30 |
| S26 | 1 | 10/788438 | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 18:34 |

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| S27 | 1 | S26 and (dummy near1 pad) | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/09/08 18:34 |
| S28 | 1 | 10/788438 | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/11/09 14:30 |
| S29 | 1 | S28 and (dummy or "43") | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/11/09 14:31 |
| S30 | 1 | 10/788438 | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/11/09 15:41 |
| S31 | 1 | S30 and (longitudinal near2 direction) | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/11/09 15:42 |
| S32 | 19678 | solder near1 ball | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/11/09 19:05 |
| S33 | 1164 | S32 and ((solder near1 ball) WITH melt) | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/11/09 19:05 |
| S34 | 51 | S33 and ((solder near1 ball) WITH melt).ab. | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/11/09 19:05 |
| S35 | 80 | S32 and ((solder near1 ball) WITH (core and melt)) | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/11/09 19:05 |
| S36 | 77 | S35 not S34 | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/11/09 19:05 |
| S37 | 59 | (S36 and @ad<"20030303") or (S36 and @rlad<"20030303") | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/11/09 19:05 |

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| S38 | 12 | (US-7075183-\$ or US-7067916-\$ or US-6906417-\$ or US-6893952-\$ or US-6799711-\$ or US-6798667-\$ or US-6787921-\$ or US-6781245-\$ or US-6740544-\$ or US-6513236-\$ or US-6507121-\$ or US-6465747-\$).did. | USPAT | OR | ON | 2006/11/09 19:05 |
| S39 | 47 | S37 not S38 | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/11/09 19:05 |
| S40 | 5 | (("6550666") or ("6471115") or ("6330967") or ("6253986") or ("6199741")).PN. | US-PGPUB; USPAT; USOCR; FPRS | OR | OFF | 2006/11/09 19:05 |
| S41 | 52 | S39 or S40 | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/11/09 19:05 |
| S42 | 18 | S41 and (resin WITH core) | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/11/09 19:06 |
| S43 | 4 | "6610591" | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/11/09 19:07 |
| S44 | 1 | 10/788438 | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/11/09 20:45 |
| S45 | 1 | S44 and (dummy near1 pad) | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/11/09 20:45 |
| S46 | 1 | S44 and (judge or defective) | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/11/09 20:46 |
| S47 | 1 | S44 and (judge or testing or defective) | US-PGPUB; USPAT; USOCR; FPRS | OR | ON | 2006/11/09 20:46 |